

## PATENT AND TRADEMARK OFFICE PADEMAN

Applicants:

Roger D. St. Amand and Vladimir Perelman

Assignee:

Amkor Technology, Inc.

Title:

STACKED SEMICONDUCTOR DIE ASSEMBLY HAVING AT

LEAST ONE SUPPORT (AS AMENDED)

Serial No.:

10/705,194

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Williams

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Monterey, CA June 13, 2005

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## SUBMISSION OF REPLACEMENT SHEETS OF DRAWINGS

Dear Sir:

The attached seventy-eight (78) replacement sheets of drawings correct minor informalities and generally conform to USPTO drawing quidelines for Figs. 1A, 1B, 2A, 2B, 3A, 3B, 3C, 4A, 4B, 5A, 5B, 5C, 5D, 6A, 6B, 7A, 7B, 7C, 7D, 8A, 8B, 8C, 8D, 9A, 9B, 9C, 9D, 10A, 10B, 10C, 10D, 11A, 11B, 11C, 11D, 12A, 12B, 12C, 12D, 13A, 13B, 13C, 13D, 14A, 14B, 14C, 14D, 15A, 15B, 15C, 15D, 16A, 16B, 16C, 16D, 17, 18A, 18B, 19A, 19B, 19C, 20A, 20B, 20C, 20D, 21A, 21B, 21C, 21D, 22A, 22B, 22C, 22D, 23A, 23B, 23C, 23D, 24A and 24B.

Sheet one, which includes Fig. 1A, replaces the original sheet one including Fig. 1A.

Sheet two, which includes Fig. 1B, replaces the original sheet two including Fig. 1B.

Sheet three, which includes Figs. 2A and 2B, replaces the original sheet three including Figs. 2A and 2B.

GUNNISON, McKAY & HODGSON, L.L.P. HODGSON, L.L.P. Garden West Office Plaza 900 Garden Road, Suite 220 Monterey, CA 93940 (831) 655-0880 Fax (831) 655-0888

> Serial No. 10/705,194 Page 1 of 6

Sheet four, which includes Fig. 3A, replaces the original sheet four including Fig. 3A.

Sheet five, which includes Fig. 3B, replaces the original sheet five including Fig. 3B.

Sheet six, which includes Fig. 3C, replaces the original sheet six including Fig. 3C.

Sheet seven, which includes Fig. 4A, replaces the original sheet seven including Fig. 4A.

Sheet eight, which includes Fig. 4B, replaces the original sheet eight including Fig. 4B.

Sheet nine, which includes Fig. 5A, replaces the original sheet nine including Fig. 5A.

Sheet ten, which includes Fig. 5B, replaces the original sheet ten including Fig. 5B.

Sheet eleven, which includes Fig. 5C, replaces the original sheet eleven including Fig. 5C.

Sheet twelve, which includes Fig. 5D, replaces the original sheet twelve including Fig. 5D.

Sheet thirteen, which includes Fig. 6A, replaces the original sheet thirteen including Fig. 6A.

Sheet fourteen, which includes Fig. 6B, replaces the original sheet fourteen including Fig. 6B.

Sheet fifteen, which includes Fig. 7A, replaces the original sheet fifteen including Fig. 7A.

Sheet sixteen, which includes Fig. 7B, replaces the original sheet sixteen including Fig. 7B.

Sheet seventeen, which includes Fig. 7C, replaces the original sheet seventeen including Fig. 7C.

Sheet eighteen, which includes Fig. 7D, replaces the original sheet eighteen including Fig. 7D.

Sheet nineteen, which includes Fig. 8A, replaces the original sheet nineteen including Fig. 8A.

Sheet twenty, which includes Fig. 8B, replaces the original sheet twenty including Fig. 8B.

Sheet twenty-one, which includes Fig. 8C, replaces the original sheet twenty-one including Fig. 8C.

Sheet twenty-two, which includes Fig. 8D, replaces the

GUNNISON, McKAY & HODGSON, L.L.P. Garden West Office Plaza 1900 Garden Road, Suite 220 Monterey, CA 93940 (831) 655-0880 Fax (831) 655-0888 original sheet twenty-two including Fig. 8D.

Sheet twenty-three, which includes Fig. 9A, replaces the original sheet twenty-three including Fig. 9A.

Sheet twenty-four, which includes Fig. 9B, replaces the original sheet twenty-four including Fig. 9B.

Sheet twenty-five, which includes Fig. 9C, replaces the original sheet twenty-five including Fig. 9C.

Sheet twenty-six, which includes Fig. 9D, replaces the original sheet twenty-six including Fig. 9D.

Sheet twenty-seven, which includes Fig. 10A, replaces the original sheet twenty-seven including Fig. 10A.

Sheet twenty-eight, which includes Fig. 10B, replaces the original sheet twenty-eight including Fig. 10B.

Sheet twenty-nine, which includes Fig. 10C, replaces the original sheet twenty-nine including Fig. 10C.

Sheet thirty, which includes Fig. 10D, replaces the original sheet thirty including Fig. 10D.

Sheet thirty-one, which includes Fig. 11A, replaces the original sheet thirty-one including Fig. 11A.

Sheet thirty-two, which includes Fig. 11B, replaces the original sheet thirty-two including Fig. 11B.

Sheet thirty-three, which includes Fig. 11C, replaces the original sheet thirty-three including Fig. 11C.

Sheet thirty-four, which includes Fig. 11D, replaces the original sheet thirty-four including Fig. 11D.

Sheet thirty-five, which includes Fig. 12A, replaces the original sheet thirty-five including Fig. 12A.

Sheet thirty-six, which includes Fig. 12B, replaces the original sheet thirty-six including Fig. 12B.

Sheet thirty-seven, which includes Fig. 12C, replaces the original sheet thirty-seven including Fig. 12C.

Sheet thirty-eight, which includes Fig. 12D, replaces the original sheet thirty-eight including Fig. 12D.

Sheet thirty-nine, which includes Fig. 13A, replaces the original sheet thirty-nine including Fig. 13A.

Sheet forty, which includes Fig. 13B, replaces the original sheet forty including Fig. 13B.

GUNNISON, McKAY & HODGSON, L.L.P. Garden West Office Plaza 1900 Garden Road, Suite 220 Monterey, CA 93940 (831) 655-0880 Fax (831) 655-0888 Sheet forty-one, which includes Fig. 13C, replaces the original sheet forty-one including Fig. 13C.

Sheet forty-two, which includes Fig. 13D, replaces the original sheet forty-two including Fig. 13D.

Sheet forty-three, which includes Fig. 14A, replaces the original sheet forty-three including Fig. 14A.

Sheet forty-four, which includes Fig. 14B, replaces the original sheet forty-four including Fig. 14B.

Sheet forty-five, which includes Fig. 14C, replaces the original sheet forty-five including Fig. 14C.

Sheet forty-six, which includes Fig. 14D, replaces the original sheet forty-six including Fig. 14D.

Sheet forty-seven, which includes Fig. 15A, replaces the original sheet forty-seven including Fig. 15A.

Sheet forty-eight, which includes Fig. 15B, replaces the original sheet forty-eight including Fig. 15B.

Sheet forty-nine, which includes Fig. 15C, replaces the original sheet forty-nine including Fig. 15C.

Sheet fifty, which includes Fig. 15D, replaces the original sheet fifty including Fig. 15D.

Sheet fifty-one, which includes Fig. 16A, replaces the original sheet fifty-one including Fig. 16A.

Sheet fifty-two, which includes Fig. 16B, replaces the original sheet fifty-two including Fig. 16B.

Sheet fifty-three, which includes Fig. 16C, replaces the original sheet fifty-three including Fig. 16C.

Sheet fifty-four, which includes Fig. 16D, replaces the original sheet fifty-four including Fig. 16D.

Sheet fifty-five, which includes Fig. 17, replaces the original sheet fifty-five including Fig. 17.

Sheet fifty-six, which includes Fig. 18A, replaces the original sheet fifty-six including Fig. 18A.

Sheet fifty-seven, which includes Fig. 18B, replaces the original sheet fifty-seven including Fig. 18B.

Sheet fifty-eight, which includes Fig. 19A, replaces the original sheet fifty-eight including Fig. 19A.

Sheet fifty-nine, which includes Fig. 19B, replaces the

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original sheet fifty-nine including Fig. 19B.

Sheet sixty, which includes Fig. 19C, replaces the original sheet sixty including Fig. 19C.

Sheet sixty-one, which includes Fig. 20A, replaces the original sheet sixty-one including Fig. 20A.

Sheet sixty-two, which includes Fig. 20B, replaces the original sheet sixty-two including Fig. 20B.

Sheet sixty-three, which includes Fig. 20C, replaces the original sheet sixty-three including Fig. 20C.

Sheet sixty-four, which includes Fig. 20D, replaces the original sheet sixty-four including Fig. 20D.

Sheet sixty-five, which includes Fig. 21A, replaces the original sheet sixty-five including Fig. 21A.

Sheet sixty-six, which includes Fig. 21B, replaces the original sheet sixty-six including Fig. 21B.

Sheet sixty-seven, which includes Fig. 21C, replaces the original sheet sixty-seven including Fig. 21C.

Sheet sixty-eight, which includes Fig. 21D, replaces the original sheet sixty-eight including Fig. 21D.

Sheet sixty-nine, which includes Fig. 22A, replaces the original sheet sixty-nine including Fig. 22A.

Sheet seventy, which includes Fig. 22B, replaces the original sheet seventy including Fig. 22B.

Sheet seventy-one, which includes Fig. 22C, replaces the original sheet seventy-one including Fig. 22C.

Sheet seventy-two, which includes Fig. 22D, replaces the original sheet seventy-two including Fig. 22D.

Sheet seventy-three, which includes Fig. 23A, replaces the original sheet seventy-three including Fig. 23A.

Sheet seventy-four, which includes Fig. 23B, replaces the original sheet seventy-four including Fig. 23B.

Sheet seventy-five, which includes Fig. 23C, replaces the original sheet seventy-five including Fig. 23C.

Sheet seventy-six, which includes Fig. 23D, replaces the original sheet seventy-six including Fig. 23D.

Sheet seventy-seven, which includes Fig. 24A, replaces the original sheet seventy-seven including Fig. 24A.

GUNNISON, McKAY & HODGSON, L.L.P. Garden West Office Plaza 1900 Garden Road, Suite 220 Monterey, CA 93940 (831) 655-0880 Fax (831) 655-0888 Sheet seventy-eight, which includes Fig. 24B, replaces the original sheet seventy-eight including Fig. 24B. If there are any questions concerning these replacement sheets, please call the undersigned at the number given.

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Adexandria, VA 22313-1450, on June 13, 2005.

Attorney for Applicants

June 13, 2005 Date of Signature Respectfully submitted,

Serge J. Hodgson

Attorney for Applicants

Reg. Nov. 40,01/7

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